



PRDM16 Antibody

Catalog_no :	AB3654
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This PRDM16 antibody is generated from a mouse immunized with a recombinant protein between 779-996 amino acids from PRDM16.
Dilution :	WB,1:4000;
Other_name :	PR domain zinc finger protein 16, PR domain-containing protein 16, Transcription factor MEL1, MDS1/EVI1-like gene 1, PRDM16, KIAA1675, MEL1, PFM13
Isotype :	IgG1,k
Background :	Binds DNA and functions as a transcriptional regulator. Functions in the differentiation of brown adipose tissue (BAT) which is specialized in dissipating chemical energy in the form of heat in response to cold or excess feeding while white adipose tissue (WAT) is specialized in the storage of excess energy and the control of systemic metabolism. Together with CEBPB, regulates the differentiation of myoblastic precursors into brown adipose cells. Functions also as a repressor of TGF-beta signaling. Isoform 4 may regulate granulocytes differentiation.
reference :	Mochizuki N.,et al.Blood 96:3209-3214(2000). Fang W.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases. Nagase T.,et al.DNA Res. 7:347-355(2000). Nakajima D.,et al.DNA Res. 9:99-106(2002). Gregory S.G.,et al.Nature 441:315-321(2006).